

### **AMENDMENTS TO THE CLAIMS**

This Listing of Claims will replace all prior versions, listing, of claims in the specification.

#### **LISTING OF CLAIMS:**

1. (Currently amended) An organic electro-luminescent (EL) device with efficient heat dissipation, comprising: a substrate; a plurality of first electrodes formed on said substrate, wherein each of a plurality of openings is formed between two of said first electrodes; a plurality of conductive heat-dissipation layers formed filling said openings, each of said conductive heat-dissipation layers contacting edge portions of two of said first electrodes; a plurality of organic layers formed of an organic EL material to cross said first electrodes partially; and at least a second electrode formed on said organic layers; wherein each of said organic layers overlaps edge portions of two sides of said conductive heat-dissipation layers.

2. (Original) The organic EL device as recited in claim 1, wherein each of said conductive heat-dissipation layers overlaps said edge portions of two sides of said first electrodes.

3. (Canceled).

4. (Original) The organic EL device as recited in claim 1, wherein said conductive heat-dissipation layers are formed of a conductive heat-dissipation material with excellent electrical conductivity and heat dissipation.

5. (Original) The organic EL device as recited in claim 1, further comprising a dielectric insulating layer formed on each of said conductive heat-dissipation layers.

6-10. (Canceled).